



## CALENDAR FOR 1922-1923

1922

September 29-30—Registration days.

October 2—Lectures begin.

November 30—Thanksgiving holiday.

Christmas holidays.

1923

February 1-3—Semester examinations.

February 5—Second semester begins.

Easter holidays.

May 28—Final examinations begin.

June 2—Second semester ends.

Commencement exercises — Date to be  
announced.

The session 1923-1924 will begin on  
October 1, 1923.

# Marquette University

## COLLEGE OF DENTISTRY

BULLETIN OF MARQUETTE UNIVERSITY  
SERIES III. VOL. 7. NUMBER 4. APRIL, 1922.



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### ASSISTING STAFF.

MAY DOOLEY.....	Infirmiry Clerk
LAURA AMBELANG.....	Radiographic Technician
SELMA GAUERKE.....	Examining Clerk
JULIA KAHN, R.N.....	Anesthetist
MATHILDA STEINBRECHER.....	Pathological Technician
MARGARET CARNEY.....	Librarian

### FACULTY COMMITTEES.

Student Affairs—Drs. Carter and Jennings, Prof. Haukohl.  
 Library and Museum—Drs. Kuhnmuench and Laughlin, Prof. Mayer.  
 Course of Study—Drs. W. Hopkinson, Bussewitz and Wilson.  
 Post-Graduate Instruction—Drs. Federspiel, Krause and Morton.  
 Extension Courses—Drs. Cox, Benson, and Wenker.  
 Post-Graduate Scholarships—The Dean, the Secretary, and a third member to be chosen just before the Committee functions.  
 The Dean is a member ex-officio of all committees.

### OFFICERS OF FACULTY GROUPS.

- Group 1. Chairman, Dr. Bussewitz; Secretary, Professor Wallner.
- Group 2. Chairman, Dr. W. Hopkinson; Secretary, Professor Giesen.
- Group 3. Chairman, Dr. Rosenbaum; Secretary, Dr. Seng.
- Group 4. Chairman, Dr. Wenker; Secretary, Dr. Benson.

Group One consists of all the teachers not classified in the other groups.

Group Two consists of teachers of anatomy (gross, minute, dental, comparative), biology and bacteriology.

Group Three consists of teachers of the dental and technical branches and pathology.

Group Four consists of teachers of orthodontia, surgery, anesthesia, radiology, and physical diagnosis.

## HISTORICAL STATEMENT.

The college of dentistry was opened to students on September 26, 1894. At that time, it was conducted as one of the departments of the Milwaukee Medical College. In 1907 the colleges of dentistry, pharmacy, and medicine, affiliated with Marquette College, and Marquette University was formed. The university soon after added the departments of engineering, law, journalism, music, and business administration. In 1912, following the complete reorganization of the college of medicine, the college of dentistry, which had up to this time been an affiliated portion of the university, became an integral part of the university. The Dental Department of the Wisconsin College of Physicians and Surgeons was absorbed at this time.

In 1917 the university purchased two square blocks in the heart of Milwaukee on Grand Avenue near Sixteenth Street. On this tract a new dental building, as well as a gymnasium has already been erected. The architects have completed the plans for the new science building, which is contemplated. The erection of the new building will commence as soon as the Board of Trustees consider it an opportune time to do so.

Marquette University is the second largest institution for higher education in Wisconsin. It has an enrollment of four thousand students, five hundred and fifty of whom are studying dentistry.

## RATING OF THE COLLEGE.

The college is designated as a Class A Dental School by the Dental Educational Council of America.

## EQUIPMENT.

The college possesses all of the class rooms, laboratories and equipment necessary to teach dentistry. The biological, chemical, physical, and drawing laboratories of the Arts and Science College are used by dental students. The new dental building is rapidly nearing completion and will be ready in August, 1922. The new dental infirmary has 152 dental chairs.

The college possesses a rapidly growing indexed dental library. Contributions to the museum which is being built up will be gratefully received.

## REQUIREMENTS FOR ADMISSION.

In order to be admitted to the College of Dentistry the student must be a graduate of an accredited high school or

academy that requires for graduation the completion of a four year course of at least fifteen units beyond the eighth grade of the elementary school.

The only exception to this rule is in the case of a student who is not in possession of a high school diploma but who (1) was admitted to an approved standard college, normal school, or university, and who (2) has successfully completed at least one semester of collegiate grade at the college, normal school, or university, and who (3) has as a result of his attendance at these institutions earned a minimum of at least sixteen units of high school credits, provided that such student satisfies fully the requirements for admission as stated in the following paragraphs.

No student will be accepted except upon official transcript of credits from the high school last attended. The university furnishes a blank upon which the credits must be itemized and attested to by the high school principal. The principal must send the credential directly to the Secretary of the College of Dentistry.

Graduates of four year non-accredited high schools will be admitted without examination on probation for one semester on the special recommendation of the principal, provided that such graduates have satisfied fully the requirements for admission that are stated in the following paragraphs:

### Group A.

All students must present the following seven units:

English .....	3 units.
Mathematics .....	2 units.
History .....	1 unit.
Science .....	1 unit.

### Group B.

#### *Restricted Units.*

All students must present two units from the following group:

One foreign language .....	2 units.
or Science* .....	1 or 2 units.
or History* .....	1 or 2 units.

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\*In addition to the requirements under Group A.



## Group C.

*Elective Units.*

Enough electives must be chosen from this group to make, together with those from Group A and Group B a total of twelve units.

**English	1 unit.
Latin	2—4 units.
Greek	1—3 units.
French	2—4 units.
German	2—4 units.
Spanish	2—4 units.
Advanced algebra	$\frac{1}{2}$ unit.
Solid geometry	$\frac{1}{2}$ unit.
Trigonometry	$\frac{1}{2}$ unit.
*Biology	1 unit.
*Chemistry	1 unit.
*Physics	1 unit.
*Botany	$\frac{1}{2}$ —1 unit.
*Zoology	$\frac{1}{2}$ —1 unit.
*Physical geography	$\frac{1}{2}$ —1 unit.
*General science	$\frac{1}{2}$ —1 unit.
History	1—4 units.
Civics	$\frac{1}{2}$ —1 unit.

## Group D.

*Miscellaneous.*

The remaining units may be selected from the commercial, industrial, or vocational subjects counted towards graduation in an accredited recognized high school with the understanding that no subject may be presented for less than half a unit of credit, nor more than one unit of credit in any single subject in this group.

## Deficiencies.

No quantitative deficiencies are permitted. Every student must offer, at the time of admission, fifteen units. No entrance examinations are given to remove quantitative deficiencies.

A student, however, who is a graduate of a high school but who is deficient in not more than two units in subjects prescribed under Groups B and C, may be admitted subject to the requirement that the deficiencies in question shall be

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\*To count as a prescribed science subject, these courses must include laboratory work.

\*\*In addition to the requirements under Group A.

removed by examination or by the presentation of the proper high school credits or equivalent before he may be registered for the sophomore year. College work done in the College of Dentistry or the knowledge gained therefrom may not be applied to make up deficiencies.

### Admission to Advanced Standing.

A student who desires to transfer to this school from another recognized dental school, must present credentials signed by the Dean, Secretary, or Registrar of the school from which he is transferring. No student who has incurred a condition, an incomplete, or a failure in any subject at the dental school from which he desires to transfer, will be accepted. The transferring student must furnish evidence that he is in possession of a high school diploma. No transferring student will be admitted to the senior class in this school.

Students who present less than thirty semester hours (one full year) of credit from a standard college, normal school, or university may receive credit for the work that they have completed but shall be required to attend the dental college for four full years.

Students who present at least thirty semester hours (one full year) of credit from a standard college, normal school, or university in addition to a full high school education, and present satisfactory credits for one full year of college English, one full year of college chemistry, and one full year of college biology, provided these subjects are fully equivalent to the corresponding branches of the first year of the dental curriculum, may be given credit for one semester in time and may be allowed to complete the dental course in three and one-half years. Such students will be admitted to the dental college at the beginning of the second semester in February. They will not be admitted at the beginning of the first semester.

Students who present sixty or more semester hours of credits (two or more years) from a standard college, normal school or university in addition to a full high school education, and who present credits for one year of college English, two years of chemistry, one year of physics, and one year of biology, provided these subjects are fully equivalent to the corresponding branches of the first year of the dental curriculum, may be given credit for one year in time and may be allowed to complete the dental course in three years and one summer session.

No student applying for advanced standing from any institution other than a dental college may be given more than one year credit in time.

Students who present acceptable credits for one or more years of college chemistry from a school other than a dental school will take note that they will be required to take forty-eight hours of dental metallurgy during the second semester of the first year.

### Matriculation.

When the prospective student has made up his mind to attend, he should send in his matriculation fee of \$10.00 by money order, or Milwaukee or Chicago bank draft. A receipt will be sent by return mail. Students should arrive in Milwaukee on September 29 or 30. There is no necessity of coming to Milwaukee before that date.

Entrance credentials of new students should be in the hands of the Secretary by September 15. A blank form for high school credentials is issued by the University. A copy should be secured from the Secretary who will send it on request. This blank must be filled out and signed by the principal of the high school, or academy, or other preparatory school from which the prospective dental student graduated. It must then be returned to the Secretary.

### REQUIREMENTS FOR GRADUATION.

The degree of Doctor of Dental Surgery is conferred upon the completion of a four year course of study, each year to consist of thirty-two weeks, and each week to consist of six days of school work. The candidate must be twenty-one years of age and must possess a good moral character. He must have passed in all branches of the curriculum. He must have secured a mark of at least eighty per cent in his senior clinic work.

#### Bachelor of Science Degree—

Students who present a sufficient number of credits from a standard college, normal school, or university may, by taking a number of courses in the College of Arts and Sciences, qualify for the degree of Bachelor of Science in addition to the degree in dentistry. Such students should consult with the Dean of the College of Arts and Sciences before the end of the Freshman year.

### SCHOLARSHIP, PROMOTION, ATTENDANCE.

1. The passing mark is seventy-five.
2. A grade between sixty and seventy-five shall be deemed a condition.
3. Inability to pass the first examination for the removal of a condition shall cause the student to be marked a failure in the branch.
4. A grade below sixty shall be deemed a failure. A failure may be removed only by the repetition of the course in part or entirely.
5. A student who has conditions or failures in more than forty per cent of his course for any semester shall automatically be dropped from the school.
6. A student who fails to remove a condition or failure within twelve months from the time it was incurred shall automatically be dropped from the school. The fees of such a student will not be returned.
7. A student who, in the opinion of the Faculty, cannot develop the necessary finger-skill to become a successful dentist, will be dropped from the school regardless of the character of his standings.
8. A student who has three or more standings below eighty per cent in any semester may be dropped from the college if it is thought best to do so by the Faculty.
9. A student who is dropped under the conditions explained in paragraphs five, six, seven, or eight, just preceding cannot under any circumstances be re-admitted to this college.
10. A student may not be promoted to the next higher class if he has conditions or failures in more than twenty per cent of his course.
11. A student must have an attendance record of at least eighty-five per cent in order to receive a grade in any subject. At the beginning of the year the Dean issues certain regulations concerning attendance. The work that is missed due to absences must be made up under faculty direction. Absences, unless due to illness or to some unavoidable emergency, subject the student to certain penalties.

### REQUIREMENTS OF STATE DENTAL BOARDS.

After a student has graduated from a recognized dental college he must, in order to secure a license to practice dentistry, pass the examination of the State Board of Dental Examiners in the state where he desires to practice. Some states, Wisconsin among them, allow students who have completed three



years of the course to take the examination in six of the most scientific subjects at the end of the third year, thereby lightening the final examination for license so that the student is saved much unnecessary worry.

### FEES.

#### Tuition Fee—

First semester, payable October 1.....	\$115.00
Second semester, payable February 1.....	110.00
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Tuition fees, each year .....	\$225.00

#### Matriculation Fee—

Freshman year only. Payable before October.....\$ 10.00

#### Graduation Fee—

Senior year only. Payable May 1.....\$ 15.00

No student will be admitted to classes until the fees for the current semester are paid. No exception will be made and students should come prepared. Tuition fees once paid cannot under any circumstances be returned. Tickets cannot be transferred. Matriculation fees once paid cannot be returned or transferred. Students agree to these conditions when paying fees.

Students transferring from other dental schools are required to pay the matriculation fee.

An annual athletic and gymnasium fee of \$15.00 will be charged each student. This fee is payable on October 1. No student is excused from the payment of this fee. Ten dollars of this fee goes to the Athletic Association. Students are admitted to all local athletic contests free of charge. Five dollars of the fee goes to the gymnasium.

Students who desire gymnasium lockers are charged \$2.00. This fee is optional.

The annual dues of the Marquette Student Union, an organization to which all male students belong, are \$5.00. No male student is excused from the payment of these dues.

A fee of \$2.00 per examination payable in advance to the Registrar, will be charged each student for whom it is necessary, for any reason whatsoever, to give make-up or condition examinations or special examinations.

Other fees than those mentioned in the preceding text may be charged, but in no case will they exceed \$10.00 a year. This statement is added to provide for any unforeseen contingency that may arise between the time this bulletin goes to press and the date of the opening of the college in October.



## EXPENSES.

	First Year	Second Year	Third Year	Fourth Year
Books .....	\$ 30.00	\$45.00	\$ 37.00	\$25.00
Instruments and school supplies...	120.00	90.00	300.00	50.00
Board, \$5.50 to \$7.00 a week.				
Room (single), \$3.50 to \$5.00 a week.				
Room (with room-mate), \$2.50 to \$4.00 a week.				

These estimates are liberal rather than conservative. No estimate can be made for incidentals. This will depend entirely upon the individual.

Most of the instruments that are bought are used after the student has become a practicing dentist. Their purchase must be considered with this in mind.

## SCHOLARSHIPS.

The college offers post-graduate scholarships each year to the six students of the graduating class who shall be chosen on the basis of scholarship and merit by a faculty committee.

The holders of these scholarships shall be termed honor men at the graduation exercises and shall among other advantages be entitled to attend all post-graduate courses offered by the university during the current year.

## STUDENT ACTIVITIES.

Dental students are encouraged to take an active part in athletics, especially football and basketball. The new university gymnasium will be ready for use in the Fall of 1922.

Dental students take an active interest in the band, the orchestra, the glee club, and various social, dramatic, literary, and religious organizations. The Marquette Student Union provides a common meeting place for the students of all of the colleges of the university. Meals are served practically at cost.

The Marquette Tribune, The Marquette Journal and The Hilltop are publications which are conducted by the students.

## MISCELLANEOUS RULES AND INFORMATION.

*Governing Conduct—*

The school reserves the right to sever its connection with any student who does not show the right attitude toward his work, damages school property, or is objectionable to the faculty because of conduct. The fees of such a student will not

be returned. The fees of a student who leaves school of his own volition at any time during the semester will not be returned or credited to him. Students agree to these conditions when they enter school.

*Special Students—*

No special students will be accepted by the school.

*Women Students Are Accepted—*

The school is co-educational.

*Theft and Fire—*

The University is not responsible for losses due to theft or fire.

*Dental Instruments—*

Before a student is permitted to begin his work in the laboratories, he is required to procure the necessary instruments.

In the junior year when the student is ready to take up his practical work in the infirmary clinic, he is required to purchase a complete operative outfit. This same outfit will be used in the senior year and after graduation, in active practice. A complete instrument list is furnished each student at the time he enters school.

*Text Books—*

Each student is required to provide himself with the text book for each course before being admitted to class. Professors will refuse credit for any course in which a student is not properly provided with text books. Text books may be bought at the book store in the college building.

*Room and Board—*

The University has no student dormitories. Dental students room in private residences and rooming houses situated in the immediate vicinity of the University. These rooms are examined and approved of by a faculty committee.

There are many restaurants and boarding houses near the dental college building.

### TEXT BOOKS.

Freshmen—	Juniors—
Dental Anatomy—Dewey.	Pathology—Endleman—Wagner.
Chemistry—Holland.	Orthodontia—Dewey.
Prosthetic Dentistry—Wilson.	Materia Medica—Prinz.
English—Espanshade.	Crown and Bridge—Goslee.
English Dictionary	Radiology—McCoy.
Biology—Menge.	Mouth Hygiene—Fones.
Dental Metallurgy—Brady.	Operative Dentistry—Black.
Physics—Turton-Cope.	Dental Histology—Noyes.
Comparative Dental Anatomy—	Applied Psychology—Walsh.
Dewey.	
Sophomores—	Seniors—
Anatomy—Gray.	Preventive Dentistry—Pickerell.
Medical Dictionary.	Oral Surgery—Blair.
Histology—Piersol.	Pathology and Therapeutics—
Physiology—Howell.	Burchard.
Bacteriology—McFarland.	Jurisprudence—Brothers.
Operative Dentistry—Black.	

### TEETH FOR DENTAL ANATOMY.

In the course in dental anatomy, a great number of teeth is required for the purpose of dissection and study. Any teeth that practicing dentists may see fit to send will be gratefully accepted by Dr. W. J. H. Benson who has charge of the work in dental anatomy. The teeth should be sent to him at Ninth and Wells Streets, Milwaukee. All transportation charges will be paid by the college.

### TEETH FOR OPERATIVE TECHNICS.

In the course in operative technics, a number of teeth preserved in ten per cent formalin solution will be needed. Dentists are asked to preserve teeth in this manner and send them to Dr. George W. Wilson at the college building.

### LIMITATIONS.

All statements made in this announcement relate exclusively to the year ending June 1923, and are applicable to all students without regard to date of matriculation. The school reserves the right to make any changes in the faculty, text books, equipment, and course of instruction that it may deem expedient.

## COURSE OF STUDY.

## First Year.

	Hours per Week Di- dactic	Lab. oratory	Hours per Year Di- dactic	Lab- oratory	Total Hours
Chem. 1-2d Inorg. Chem. and Metallurgy	3	4	96	128	224
Biology 1d-2d .....	2	4	64	128	192
Biol. 3d. Comp. Dent. Anatomy (Sem. 1)..	1	0	16	0	16
Op. Dent. 1. Dental Anatomy (Sem. 1)..	1	2	16	32	
Op. Dent. 2. Dental Anatomy (Sem. 2)..	1	4	16	64	128
Draw. 1d. Technical Drawing (Sem. 1)..	0	3	0	48	48
Prosthetic Technic 1-2. ....	1	6	32	192	224
English 1d-2d. ....	3	0	96	0	96
*Physics 1d-2d. ....	2	0	64	0	64
*Students who do not present high school physics for admission must take 32 hours more instruc- tion in physics.					
			400	592	992

## Second Year.

Prosthetic Technic 3d. ....	1	6	32	192	224
Anatomy 1-2. ....	4	5	128	160	288
Histology 1-2. ....	2	2	64	64	128
Physiology 1-2. ....	3	1	96	32	128
Bacteriology 1-2. ....	2	2	64	64	128
Chem. 3-4. Org. and Physiol. Chem.....	2	2	64	64	128
Op. Dent. 3-4. Operative Technics.....	1	6	32	192	224
			480	768	1248

## Third Year.

Preventive Dentistry 1. (Sem. 1).....	1	0	16	0	
Preventive Dentistry 2. (Sem. 2).....	0	32	0	32	48
Infirmary Practice, 1-2, Practice in Preventive, Operative and Prosthetic Dentistry .....	0	13	0	416	416
Surgery 1. (Sem. 2).....	1	0	16	0	16
Pros. Dent. 5-6. Crown and Bridge.....	1	7	32	224	256
Physical Diagnosis and Principles of Medicine 1. (Sem. 2).....	1	0	16	0	16
Anesthesia 1. (Sem. 1).....	1	1	16	16	32
Applied Psychology 1d. (Sem. 2).....	1	0	16	0	16

## Third Year—Continued.

	Hours per Week Di- dactic	Lab. oratory	Hours per Year Di- dactic	Lab- oratory	Total Hours
Radiology 1. (Sem. 2).....	1	1	16	16	32
General and Dental Pathology 1-2 .....	1	2	32	64	96
Operative Dentistry 5-6 .....	1	0	32	0	32
Materia Medica 1-2 .....	2	1	64	32	96
Orthodontia 1-2 .....	1	1	32	32	64
Histology 3-4—Dental Histology and Embryology .....	1	1	32	32	64
			320	864	1184

## Fourth Year.

## Infirmary Practice, 3-4.

Practice, in Preventive Operative, and Prosthetic Dentistry, Radiology, Orthodontia, Dental Pathology, and Exodontia .....	0	30	0	960	960
Preventive Dentistry 3. (Sem. 1).....	1	1	16	16	32
Preventive Dentistry 4. (Sem. 2).....	0	2	0	32	32
Pathology 3-4. Dental Pathology and Therapeutics .....	2	0	64	0	64
Economics and Ethics 1. (Sem. 2).....	1	0	16	0	16
History of Dentistry. 1. (Sem. 1).....			8	0	8
Prosthetic Dentistry 7-8 .....	1	0	32	0	32
Operative Dentistry 7-8 .....	1	0	32	0	32
Surgery 2-3. Oral Surgery.....	1	2	32	64	96
Surgery 4. Exodontia. (Sem. 1).....	1	1	16	16	32
Orthodontia 3-4 .....	1	0	32	0	32
Dental Jurisprudence 1. (Sem. 1).....	1	0	16	0	16
English 3-4. Seminar.....	1	0	32	0	32
			296	1088	1384
Total for four years.....					4808



**CHEMISTRY—PHYSICS.**

**Chemistry 1-2d.—Inorganic Chemistry and Metallurgy.**—*Freshman Year.*

A study of the elements, their compounds, characteristics and properties. Particular attention is paid to the compounds, such as alloys, cements, and amalgams, and to the metals, such as gold, platinum, and aluminum, that are employed in the practice of dentistry.

**Chemistry 3-4.—Organic and Physiological Chemistry.**—*Sophomore Year.*

A study of organic chemistry. Physiological chemistry is given special attention in the laboratory.

**Physics 1d.-2d.—Freshman Year.**

A lecture course in mechanics, heat, and electricity.

**ANATOMY.**

**Human Anatomy 1-2.—Sophomore Year.**

A detailed study of the anatomy of the entire human body by means of lectures and dissection.

**Histology 1-2.—General Histology.**—*Sophomore Year.*

A study of the minute anatomy of the body tissues.

**Histology 3-4.—Dental Histology and Embryology.**—*Junior Year.*

The tissues of the teeth and oral cavity are made the subject of detailed study.

**Biology 1d.-2d.—Freshman Year.**

A study of the fundamental properties of living things as illustrated by the animal forms selected for laboratory study.

**Biology 3d.—Comparative Dental Anatomy.**—*Freshman Year.*

A brief course in which the various types of tooth forms are studied.

**PHYSIOLOGY—MATERIA MEDICA.**

**Physiology 1-2.—Sophomore Year.**

The functions of the body structures, their composition, operation, and their inter-relations.

**Materia Medica 1-2.—Junior Year.**

A lecture and laboratory course in the classification, compounding, composition, properties, and action of drugs and medicines.

**PATHOLOGY, BACTERIOLOGY, PREVENTIVE DENTISTRY.**

**Pathology 1-2—General and Dental Pathology.**—*Junior Year.*

A study of diseased conditions in body tissues illustrated by gross and microscopical specimens.

**Pathology 3-4.—Dental Pathology and Therapeutics.**—*Senior Year.*

A consideration of the diseases of the teeth and associated parts together with a study of the treatment for such diseases.

**Bacteriology 1-2.—*Sophomore Year.***

A study of the morphology and biology of bacteria, laboratory methods, sterilization, disinfection, antisepsis, asepsis, animal inoculation, vaccines, and bacteriological investigation.

**Preventive Dentistry 1-2.—*Junior Year.***

This course treats of the health of the mouth and its preservation.

**Preventive Dentistry 3-4.—*Senior Year.***

A continuation of course 1-2.

**Physical Diagnosis and Principles of Medicine.—*Junior Year.***

Physical diagnosis, especially in its relation to the administration of anaesthetics, is considered.

### OPERATIVE DENTISTRY.

**Operative Dentistry 1-2.—*Dental Anatomy.—Freshman Year.***

A course in the structure, development, characteristics, arrangements, and nomenclature of teeth.

**Operative Dentistry 3-4.—*Operative Technics.—Sophomore Year.***

A course in cavity preparation, filling materials, and the use of dental instruments.

**Operative Dentistry 3-4.—*Junior Year.***

A lecture course in the principles of operative dentistry in conjunction with work upon the patient in the infirmary.

**Operative Dentistry 7-8.—*Senior Year.***

A lecture course that supplements and elaborates upon the lecture course in the junior year.

### PROSTHETIC DENTISTRY.

**Prosthetic Dentistry 1-2.—*Prosthetic Technic.—Freshman Year.***

A laboratory course in the making of various types of artificial dentures.

**Prosthetic Dentistry 3-4.—*Prosthetic Technic.—Sophomore Year.***

An elaboration and extension of the course of the freshman year.

**Prosthetic Dentistry 5-6.—*Crown and Bridge Technic.—Junior Year.***

A course in the principles and practice of crown and bridge work. This course is carried on in part in conjunction with the work in the dental infirmary.

**Prosthetic Dentistry 7-8.—*Senior Year.***

In conjunction with the work in the infirmary, and advanced course in the construction of artificial dentures, crown and bridge work, and mechanical dentistry is given.

**ORAL SURGERY—RADIOLOGY.****Oral Surgery 1.—Principles of Surgery.—*Junior Year.***

A lecture course in the principles of surgery.

**Oral Surgery 2-3.—*Senior Year.***

Injuries, abnormalities, and surgical diseases of the mouth, jaw, face, and associate parts, illustrated by clinics in the surgical amphitheater.

**Oral Surgery 4.—Exodontia.—*Senior Year.***

A course of lectures on scientific tooth extraction given in conjunction with special clinics and daily practice in the infirmary.

**Anesthesia 1.—*Junior Year.***

The properties and administration of the different anaesthetics are studied in small sections. A special course is given in conductive anaesthesia.

**Radiology.—*Junior Year.***

A lecture and laboratory course together with practical daily work in the X-Ray laboratory in making diagnoses for infirmary patients.

**ORTHODONTIA.****Orthodontia 1-2.—*Junior Year.***

A study of the cause, methods of preservation and correction of oral and dento-facial deformities. Orthodontic appliances are made in the laboratory.

**Orthodontia 3-4.—*Senior Year.***

A continuation of courses 1-2.

Practical application of the theories learned is made on patients in the infirmary clinic.

**MISCELLANEOUS.****Dental History 1.—*Senior Year.***

A series of cultural lectures on the history of dentistry from the early Egyptians up to modern times.

**Ethics 1.—*Senior Year.***

A study of the ethical questions involved in the practice of dentistry.

**Dental Jurisprudence 1.—*Senior Year.***

The legal relationships of the dentist and the laws that concern the practice of dentistry are considered.

**Economics 1.—*Senior Year.***

A study of the business requirements for professional success in dentistry.

**English 1-2.—*Freshman Year.***

A practical course in college English which is intended to give the student the ability to express himself fluently, clearly, and effectively both in speaking and writing.

**English 3-4.—Seminar.—*Senior Year.***

Students are given practice in writing, reading, and discussing original papers on dental and other scientific subjects. The student will be prepared to take an active interest in the meetings of dental societies and similar organizations.

**Applied Psychology 1d.—*Junior Year.***

A brief course in psychology as it is applied to the practice of dentistry.

**Drawing 1d.—Technical Drawing.—*Freshman Year.***

This course consists in: (1) instruction and practice in lettering, (2) the production of simple working drawings, (3) the production of dental charts intended for illustrative purposes.

### INFIRMARY PRACTICE.

**Infirmary Practice 1-2.—*Junior Year.***

Practice upon the patients that present themselves at the dental infirmary. Training is given in preventive dentistry, operative dentistry, and prosthetic dentistry.

**Infirmary Practice 1-2.—*Senior Year.***

Practical training in preventive dentistry, operative dentistry, prosthetics, orthodontia, ceramics, crown and bridge work, exodontia, anaesthesia, radiographic technic, and dental pathology and therapeutics.

### POST-GRADUATE COURSES.

Post-graduate courses in dentistry are offered in June every year. These courses are described in a separate bulletin which will be sent upon request.

### EXTENSION COURSES.

Certain members of the dental faculty are available to dental societies and dental study clubs situated in Wisconsin. The extension courses are described in a separate bulletin which will be sent upon request.

### GRADUATES.

The College of Dentistry has 1,057 graduates. The list has become too cumbersome to print in the catalogue each year. A complete record of the names and addresses of the graduates is kept in the office of the registrar. Address the college for information concerning the location of the graduates.

### ALUMNI ASSOCIATION.

The Alumni Association of the College of Dentistry gives a clinic and manufacturers' exhibit in February every year, to which all ethical dentists are invited. In February, 1922, over 1,200 dentists from Wisconsin and the surrounding states attended this clinic.

### OFFICERS FOR 1922-1923.

President .....	V. A. Smith.....	120 Wisconsin Street
First Vice-President...	A. J. Noetzel.....	307 Grand Avenue
Second Vice-President...	F. J. Murphy.....	New London, Wisconsin
Treasurer .....	Arthur A. Jennings.....	966 Oakland Avenue
Secretary .....	John V. Sengpiel.....	695 Astor Street

### BOARD OF DIRECTORS.

Roy Hopkinson.....	Wisconsin National Bank Bldg.
Arthur C. Rhode.....	Wells Bldg.
William J. H. Benson.....	Metropolitan Bldg.
N. E. Uelmen.....	Wells Bldg.
W. H. Reuter.....	1076 Teutonia Avenue



## STUDENTS IN ATTENDANCE.

## Freshmen.

## Class 1925.

Abrahamson, L. A.....	Milwaukee, Wis.	Holmes, D. A.....	Blue Island, Ill.
Ackermann, P. G.....	New Rockford, N. Dak.	Hudson, Alden.....	Green Bay, Wis.
Adami, George C.....	Milwaukee, Wis.	Johnson, I. C.....	Besemer, Mich.
Adland, Sam.....	Milwaukee, Wis.	Jones, K. T.....	Madison, Wis.
Arneson, S. E.....	Milwaukee, Wis.	Kaszynski, L. L.....	Toledo, O.
Azuola, Eduardo.....	San Jose, Costa Rica.	Keefe, H. M.....	Owen, Wis.
Bemis, M. A.....	Plymouth, Wis.	Kieren, H. L.....	Crystal Falls, Mich.
Berg, C. J.....	Iola, Wis.	Kirchoff, H. S.....	Owen, Wis.
Bergem, R. M.....	Watford City, N. D.	Koepke, A. T.....	Green Bay, Wis.
Bigsby, G. J.....	Beloit, Wis.	Krause, E. H.....	Milwaukee, Wis.
Branschreiber, H. A.....	Shawano, Wis.	Kulczak, A. E.....	Bay City, Mich.
Brand, F. M.....	Wausau, Wis.	Ladner, E. J.....	St. Cloud, Minn.
Brandt, L. J.....	Merrill, Wis.	LaMere, D. H.....	De Tour, Mich.
Brazelton, F. O.....	Plymouth, Wis.	Larson, W. H.....	Milwaukee, Wis.
Buckley, L. E.....	Ashland, Wis.	LeClair, W.....	Two Rivers, Wis.
Budd, C. H.....	Montevideo, Minn.	Levy, J. E.....	Camden, S. C.
Burzynski, W. E.....	Milwaukee, Wis.	Luck, H. E.....	Waupun, Wis.
Callaway, H. D.....	Milwaukee, Wis.	Major, D. A.....	Blackburn, Mo.
Cameron, F. G.....	Milwaukee, Wis.	Marquardt, A. H.....	Manitowoc, Wis.
Cantley, V. A.....	Shell Lake, Wis.	Mathie, J. J.....	Milwaukee, Wis.
Carle, N. B.....	Duluth, Minn.	Mauch, C. E.....	Ashland, Wis.
Chudacoff, Paul.....	Nadeau, Mich.	McCarthy, C. J.....	Gladstone, Mich.
Cohen, W. M.....	La Crosse, Wis.	McCorm, E. E.....	Twin Bluffs, Wis.
Costello, H. M.....	Racine, Wis.	McDermott, M. F.....	Janesville, Wis.
Coulam, H. H.....	La Crosse, Wis.	McFarlane, J. R.....	Waupun, Wis.
Coveny, F. X.....	Spring Valley, Ill.	McNally, F. T.....	Superior, Wis.
Dahlk, W. W.....	Middleton, Wis.	McNamara, R. P.....	Superior, Wis.
Davidoff, Dorothy.....	Milwaukee, Wis.	Molyneaux, P. J.....	Milwaukee, Wis.
Desilets, T. A.....	Escanaba, Mich.	Montagne, A. J.....	Detroit, Mich.
Diment, K. J.....	Milwaukee, Wis.	Moote, Clyde.....	White Cloud, Mich.
Doherty, W. R.....	Clare, Mich.	Morgan, F. S.....	La Crosse, Wis.
Doll, J. S.....	Middleton, Wis.	Mueller, E. J.....	Sheboygan, Wis.
Donovan, C. E.....	Waterloo, Wis.	Murphy, A. M.....	Portage, Wis.
Dowdall, R. O.....	Minneapolis, Minn.	Murphy, H. J.....	Portage, Wis.
Draeger, V. J.....	Tigerton, Wis.	Naegeli, L. E.....	Durand, Wis.
Dunlop, J. K.....	Milwaukee, Wis.	Nason, M. V.....	Marshfield, Wis.
Dunn, L. P.....	Bloomington, Ill.	Nicholoff, E.....	Brockton, Mont.
Edwards, A. C.....	Milwaukee, Wis.	Nordin, O. F.....	Minneapolis, Minn.
Edwards, E. C.....	Bloomington, Wis.	Novoa, A. E.....	Havana, Cuba.
Ellenberger, Wm.....	Mondovi, Wis.	Oakes, O. O.....	Plainville, Wis.
Elmore, A.....	Muscantine, Ia.	Ochsner, S. E.....	Prairie du Chien, Wis.
Fagan, D. P.....	Prairie du Chien, Wis.	O'Hanlon, F. E.....	Milwaukee, Wis.
Forister, H. M.....	Poplar Bluff, Mo.	O'Rourke, E. J.....	Duluth, Minn.
Freel, J. E.....	Bay City, Mich.	Orr, R. R.....	Ludington, Mich.
Frey, J. A.....	Beloit, Wis.	Parish, E. G.....	Durand, Wis.
Friedman, H. J.....	Aurora, Minn.	Perschbacher, C. I.....	Kewaskum, Wis.
Gahan, R. L.....	Milwaukee, Wis.	Peterson, A. C.....	Long Prairie, Minn.
Gallagher, F. C.....	Madison, Wis.	Piper, C. E.....	Cascade, Wis.
Gerend, A. H.....	Kaukauna, Wis.	Polzer, W. R.....	Durand, Wis.
Giese, C. M.....	Princeton, Wis.	Rashid, J. K.....	Avoca, Wis.
Giese, Elmer.....	Princeton, Wis.	Reichert, E. W.....	Long Prairie, Minn.
Goggins, K. P.....	Milwaukee, Wis.	Reilly, J. F.....	Fond du Lac, Wis.
Gormely, C. C.....	Newberry, Mich.	Repetto, Jno.....	Esmond, N. D.
Hall, L. J.....	Rochester, Minn.	Richdorf, M. L.....	Maribel, Wis.
Hambach, C. R.....	Milwaukee, Wis.	Riley, C. R.....	Ellsworth, Wis.
Hammond, D. F.....	Janesville, Wis.	Riley, J. E.....	Sturgeon, Bay, Wis.
Hanson, H. B.....	Mauston, Wis.	Rodgers, O. G.....	Milwaukee, Wis.
Hanson, A. J.....	Taylor, Wis.	Rusch, O. A.....	Reedsville, Wis.
Hausman, Wm.....	West Bend, Wis.	Salava, F. R.....	Middleton, Wis.
Hayden, C. B.....	Milwaukee, Wis.	Schafer, E. J.....	Nauvoo, Ill.
Hayes, E. M.....	Eden, Wis.	Schantz, C. W.....	Cottage Grove, Wis.
Hehn, Anna L.....	Rheinlander, Wis.	Schleif, C. L.....	Campbellsport, Wis.
Hein, R. P.....	Manawa, Wis.	Schlieff, L. G.....	Campbellsport, Wis.
Heintze, Hilda.....	Milwaukee, Wis.	Schmidt, E. E.....	Marion, Wis.
Helz, A. W.....	Mt. Calvary, Wis.	Schnell, P. A.....	Reads, Minn.
Herald, N. A.....	Oconto, Wis.	Scholten, F. E.....	Manitowoc, Wis.
Hilbert, Geo.....	Reedsburg, Wis.	Schultz, F. C.....	Waupun, Wis.
Hoffman, H. J.....	Madison, Wis.	Schultz, H. C.....	Neenah, Wis.

## Freshmen—Continued.

Schwalbe, G. W.....	Milwaukee, Wis.	Vanck, H. J.....	Prairie du Chien, Wis.
Sikir, W. F.....	Avoca, Wis.	VanRaalte, Carl.....	Milwaukee, Wis.
Skaalen, L. O.....	Stoughton, Wis.	Wadeson, J. H.....	Jamestown, N. D.
Slee, R. W.....	Traverse City, Mich.	Walker, R. G.....	Sauk City, Wis.
Spika, J. M.....	La Crosse, Wis.	Weber, R. J.....	Oconomowoc, Wis.
Stangel, S. J.....	Kewaunee, Wis.	Weiss, Jacob.....	Milwaukee, Wis.
Stevlmgson, O. D.....	Chaseburg, Wis.	Wells, I. E.....	Oriordville, Wis.
Sweeney, W. L.....	Spring Valley, Wis.	Werner, A. L.....	Shawano, Wis.
Swenson, V. A.....	Madison, Wis.	Whalen, L. F.....	Madison, Wis.
Thomas, B. R.....	Lake Crystal, Minn.	Wieczorek, L. R.....	Milwaukee, Wis.
Thomas, J. R.....	Lake Crystal, Minn.	Williams, C. P.....	Dryden, Mich.
Thoner, L. C.....	Ellsworth, Wis.	Williams, E. O.....	Racine, Wis.
Tocci, A. M.....	Gile, Wis.	Wilson, Raymond.....	Paducah, Ky.
Topolinski, F. H.....	Milwaukee, Wis.	Wirtz, G. F.....	Mandan, N. D.
Traxler, D. M.....	Milwaukee, Wis.	Woehler, J. L.....	Appleton, Wis.
Tuma, G. J.....	New Prague, Minn.	Yri, E. O.....	Brinsmade, N. D.
Turk, A. F.....	Black Earth, Wis.		

## Sophomores.

## Class 1924.

Abbott, T. R.....	Milwaukee, Wis.	Gannon, T. J.....	Plymouth, Wis.
Albrecht, A. W.....	Kewaunee, Wis.	Garberg, P.....	Hettinger, N. Dak.
Babbitt, H. L.....	Milwaukee, Wis.	Gardner, F. W.....	Markesan, Wis.
Bartle, C. H.....	Argyle, Wis.	Garry, H.....	Manawa, Wis.
Bancroft, J. B.....	Lodi, Wis.	Gilbert, A. C.....	Kewaskum, Wis.
Becker, E. A.....	West Bend, Wis.	Granof, J.....	Milwaukee, Wis.
Bentz, L. J.....	New London, Wis.	Grossman, D. K.....	Omro, Wis.
Bernd, F. L.....	Milwaukee, Wis.	Guenther, E. O.....	Chilton, Wis.
Bettencourt, J. F.....	Kapaa Kanai, Hawaii	Guth, A. R.....	Pelican Lake, Wis.
Blake, L. F.....	Milroy, Minn.	Hallin, A. B.....	Richland Center, Wis.
Bing, C. E.....	Racine, Wis.	Hamm, G. C.....	Escanaba, Mich.
Blum, A. E.....	Mattoon, Wis.	Hammer, P. L.....	Rhineland, Wis.
Bonic, M. W.....	Milwaukee, Wis.	Hanson, E. C.....	Westboro, Wis.
Bowhousen, G.....	Fond du Lac, Wis.	Harris, A. J.....	Stambaugh, Mich.
Braatz, A. O.....	Racine, Wis.	Hart, G. A.....	Granton, Wis.
Brodzeller, L. A.....	Kewaskum, Wis.	Hawke, J. C.....	Butte, Mont.
Bronson, W. E.....	Prairie du Chien, Wis.	Hilgert, R. M.....	Altoona, Wis.
Busby, B. B.....	West Allis, Wis.	Hill, J.....	Soldiers Grove, Wis.
Busse, S. D.....	Waukesha, Wis.	Hood, R. W.....	North Prairie, Wis.
Canar, R. F.....	Mondovi, Wis.	Horschak, A. J.....	La Crosse, Wis.
Carney, E. L.....	Wabeno, Wis.	Hughes, R. M.....	Dodgeville, Wis.
Carter, E. J.....	Marinette, Wis.	Hughes, T. N.....	Rio, Wis.
Cavanaugh, M. G.....	Reedsville, Wis.	Hunt, H. W.....	Greenwood, Wis.
Colberg, A. W.....	Wakefield, Mich.	Innes, C.....	Oaxaca, Mexico
Cohn, A. C.....	Milwaukee, Wis.	Jacobs, G. G.....	Crystal Falls, Mich.
Cooke, G. E.....	Norway, Mich.	Jensen, R. W.....	McIntosh, Minn.
Corcoran, C. G.....	Milwaukee, Wis.	Joanis, W. C.....	Washburn, Wis.
Costa, A. L.....	Vulcan, Mich.	Jolin, R. E.....	Tigerton, Wis.
Costello, L. D.....	Fond du Lac, Wis.	Jordan, W. A.....	Chisholm, Minn.
Couch, C. C.....	Milwaukee, Wis.	Kalscheuer, H. A.....	St. Cloud, Minn.
Craven, A. W.....	Two Harbors, Minn.	Kasch, H. J.....	San Diego, Cal.
Curtiss, F. W.....	Madison, Wis.	Keilty, E. J.....	Spokane, Wash.
Dalton, L. A.....	Antigo, Wis.	Kelly, J. C.....	La Crosse, Wis.
DeMars, R. N.....	Washburn, Wis.	Kelly, W. R.....	Mason City, Ia.
Denne, W. J.....	Stradford, Wis.	Kleeber, H. C.....	Reedsburg, Wis.
Disch, W. T.....	St. Croix Falls, Wis.	Kloehn, S. J.....	Forest Junction, Wis.
Dishmaker, G. M.....	Kewaunee, Wis.	Koss, J. E.....	Algoma, Wis.
Domsky, D.....	Racine, Wis.	Kosobud, C.....	Lankin, N. Dak.
Donahue, E. W.....	Park Falls, Wis.	Krembs, E. A.....	Merrill, Wis.
Doran, C. W.....	Rockford, Ill.	Krohn, C. A.....	Milwaukee, Wis.
Doyle, B. F.....	La Crosse, Wis.	Kuich, S. G.....	Milwaukee, Wis.
Dresen, O. M.....	Sauk City, Wis.	Lee, Royal.....	Dodgeville, Wis.
Drill, J. N.....	Princeton, Wis.	Klumb, Calvin.....	Milwaukee, Wis.
Driscoll, R. J.....	Hubbell, Mich.	Lipke, D. N.....	Stradford, Wis.
Earle, W. W.....	Tomah, Wis.	Linjer, J. E.....	River Falls, Wis.
Erling, A. E.....	Milwaukee, Wis.	Libby, O. G.....	Evansville, Wis.
Fitzgerald, W. C.....	Fond du Lac, Wis.	Lewis, H. P.....	Milwaukee, Wis.
Friedman, H.....	Milwaukee, Wis.	Loughlin, G. W.....	Hillyard, Wash.
Firnsthahl, F. F.....	Colby, Wis.	Marnitz, G. W.....	Milwaukee, Wis.

## Sophomores—Continued.

Martin, A. A.....	Milwaukee, Wis.	Rooney, T. J.....	Kenosha, Wis.
McCudden, L. D.....	Fifield, Wis.	Rubnitz, J. H.....	Milwaukee, Wis.
McDonald, J. S.....	Hawley, Minn.	Saari, W. J.....	Marquette, Mich.
McGill, G. J.....	Winona, Minn.	Sandner, F. J.....	Milwaukee, Wis.
McGrath, C. F.....	Iron Mountain, Mich.	Sands, S. K.....	Chippewa Falls, Wis.
McKenna, J. F.....	Cloquet, Minn.	Savers, N.....	Eastlake, Mich.
McLaughlin, R. M.....	Marshall, Minn.	Schad, C. C.....	Milwaukee, Wis.
Melchoir, C. J.....	Gillett, Wis.	Schofield, C. A.....	Merrill, Wis.
Meuli, W. C.....	Chippewa Falls, Wis.	Schofield, I. P.....	Chetek, Wis.
Meurer, A. A.....	Wauwatosa, Wis.	Schuster, C. J.....	Manitowoc, Wis.
Moran, R. C.....	Excelsior, Wis.	Serstad, M. R.....	Lodi, Wis.
Morrison, H. R.....	Menomonie, Mich.	Severson, S. H.....	Stoughton, Wis.
Muchlmeier, A. H.....	Plymouth, Wis.	Sexton, C. G.....	Bayfield, Wis.
Muldowny, B. J.....	La Crosse, Wis.	Shannon, G. J.....	Eau Galle, Wis.
Munn, R. B.....	Eau Claire, Wis.	Shapiro, N. W.....	Durand, Wis.
Murphy, W. W.....	Waucoma, Ia.	Skon, G. E.....	Rig Lake, Wis.
Murray, R. F.....	Bayfield, Wis.	Snyder, M. S.....	Reedsburg, Wis.
Muskowski, E. F.....	Edgar, Wis.	Sprafka, F. G.....	Stevens Point, Wis.
Nelson, G. W.....	Gillett, Wis.	Stangel, D. F.....	Tisch Mills, Wis.
Nordholm, G. W.....	Minong, Wis.	Stetler, L. C.....	Mauston, Wis.
Norman, H. A.....	Ortonville, Minn.	Stumpf, W. J.....	Milwaukee, Wis.
Ortlieb, P. S.....	Chilton, P. S.	Swartz, H. W.....	London Mills, Ill.
Otten, H. G.....	La Crosse, Wis.	Thompson, R. W.....	New London, Wis.
Ozanick, V. R.....	Kenosha, Wis.	Thoma, G. G.....	Milwaukee, Wis.
Pasenhofner, H. F.....	Birnawood, Wis.	Thorsen, M. S.....	Ashland, Wis.
Persion, M. M.....	Milwaukee, Wis.	Tripanier, Lloyd.....	Westboro, Wis.
Peterson, A. S.....	Donnybrook, N. Dak.	Toonen, H. H.....	De Pere, Wis.
Pfeiffer, G. A.....	Oshkosh, Wis.	Tierney, P. W.....	Superior, Wis.
Pichotta, J. E.....	Wabeno, Wis.	Uelmen, L. J.....	Campbellsport, Wis.
Pierce, L. C.....	Union Grove, Wis.	Van Deuren, C. A.....	Green Bay, Wis.
Pohle, I. T.....	Bloomington, Wis.	Van Hollen, R. L.....	Osceola, Wis.
Potter, D. C.....	Butte, Mont.	Vermeulen, W.....	Waupun, Wis.
Poutre, R. F.....	Manistee, Mich.	Vollendorf, H. H.....	Manitowoc, Wis.
Prees, R. J.....	Cambria, Wis.	Wanless, H. W.....	Richland Center, Wis.
Prescott, W. L.....	Princeton, Minn.	Weinzierl, E. L.....	Tower, Minn.
Quinlan, W. C.....	Seymour, Wis.	Wentz, I. W.....	Sheboygan, Wis.
Reith, L. C.....	Kenosha, Wis.	Werrell, E. P.....	Eau Claire, Wis.
Rommel, W. H.....	Waupaca, Wis.	Wilkes, A. E.....	Cambria, Wis.
Rochwerger, I. H.....	Milwaukee, Wis.	Williams, L. E.....	Reedsburg, Wis.
		Zoeller, L. F.....	Milwaukee, Wis.

## Juniors.

## Class 1923.

Arneson, W. G.....	Milwaukee, Wis.	Cook, Arthur.....	Waupaca, Wis.
Babcock, J. A.....	Cavalier, N. Dak.	Cook, I. L.....	Gillett, Wis.
Baker, H. R.....	Odanah, Wis.	Coppersmith, R. J.....	Milwaukee, Wis.
Bartsch, A. R.....	Mayville, Wis.	Corey, W. L.....	St. Croix Falls, Wis.
Beck, V. V.....	Madison, Wis.	Crawford, Dell O.....	Rochester, Minn.
Belscamper, V. W.....	Mt. Hope, Wis.	Crowe, J. E.....	Antigo, Wis.
Betner, F. Z.....	Turkey River, Ia.	Curtis, D. J.....	Pardeeville, Wis.
Bicha, F. C.....	La Crosse, Wis.	Dogot, A. J.....	Kaukauna, Wis.
Bickel, M. O.....	Beloit, Wis.	Doyle, H. W.....	N. McGregor, Ia.
Biernack, W. A.....	Beaver Dam, Wis.	Ducklow, G. N.....	Oconomowoc, Wis.
Billar, Jacob C.....	Milwaukee, Wis.	Ederer, B. F.....	Morton, Minn.
Binning, R. E.....	Unity, Wis.	Falkner, R. H.....	Marshfield, Wis.
Boll, James E.....	Antigo, Wis.	Felling, A. L.....	Wausau, Wis.
Brassington, E. B.....	Milwaukee, Wis.	Fitzgerald, L. E.....	Antigo, Wis.
Brauchle, L. C.....	Columbus, Wis.	Flaten, M. C.....	Edinburg, N. Dak.
Bruins, Andrew.....	Manitowoc, Wis.	Fosmo, F. W.....	Martell, Wis.
Buechler, P. A.....	Milwaukee, Wis.	Frederickson, A. C.....	Racine, Wis.
Bull, F. A.....	La Crosse, Wis.	Garrity, J. C.....	Antigo, Wis.
Busch, Orrin R.....	Algoma, Wis.	Gieseler, A. W.....	Milwaukee, Wis.
Campbell, L. J.....	Waukesha, Wis.	Gingress, R. P.....	Marquette, Mich.
Cardinal, A. J.....	Niagara, Wis.	Goldstein, M. H.....	Wausau, Wis.
Casanova, J. R.....	Hudson, Wis.	Gowen, C. R.....	Wausau, Wis.
Ciszewski, L. F.....	Milwaukee, Wis.	Greve, H. C.....	Edgar, Wis.
Clute, R. H.....	Greenwood, Wis.	Hagberg, G. C.....	Brainer, Minn.
Coleman, I. L.....	Milwaukee, Wis.	Haggerty, R. W.....	Rochester, Minn.
Connell, L. F.....	Menomonee Falls, Wis.	Hammerburg, K.....	Carney, Mich.



## Juniors—Continued.

Hanifan, J. C.....	Emmetsburg, Ia.	Nicholson, W. J.....	Duluth, Minn.
Hanson, I. H.....	Chippewa, Falls, Wis.	Nolan, W. E.....	Phillips, Wis.
Harris, J. S.....	Milwaukee, Wis.	Paschen, D. B.....	Milwaukee, Wis.
Hartz, J. L.....	Merrill, Wis.	Peffer, A. L.....	Waukesha, Wis.
Hcaly, D. F.....	Antigo, Wis.	Pell, F. W.....	Racine, Wis.
Hoehne, V. T.....	Superior, Wis.	Peterson, E. F.....	Sturgeon Bay, Wis.
Houghton, R. H.....	Manitowoc, Wis.	Pitzen, W. C.....	Hastings, Minn.
Houlehan, A. R.....	Stevens Point, Wis.	Poulter, J. A.....	Milwaukee, Wis.
Huber, W. F.....	Fountain City, Wis.	Pusch, H. G.....	Milwaukee, Wis.
Hughes, C. C.....	Pardeeville, Wis.	Reetz, E. W.....	Bloomer, Wis.
Indihar, J. E.....	Gilbert, Minn.	Reinke, A. W.....	Appleton, Wis.
Jacobs, A. F.....	Superior, Wis.	Sabin, F. B.....	Ladysmith, Wis.
Jarvis, D. J.....	Waukesha, Wis.	Sanwick, Otto.....	Viroqua, Wis.
Johnson, A. E.....	Tounsand, Mont.	Schaller, L. P.....	New London, Wis.
Johnson, E. W.....	Hawley, Minn.	Schleyer, H. A.....	Kenosha, Wis.
Jones, E. W.....	Rhineland, Wis.	Schilling, L. F.....	Minocqua, Wis.
Just, A. J.....	Cooperstown, Wis.	Schroeder, R. H.....	Marshfield, Wis.
Kayser, L. R.....	Green Bay, Wis.	Selgren, C. H.....	Janesville, Wis.
Klobuchar, F. J.....	Calumet, Mich.	Seng, J. A.....	Milwaukee, Wis.
Knister, R. E.....	Rhineland, Wis.	Shea, D. S.....	Chippewa Falls, Wis.
Krull, R. C.....	Three Rivers, Mich.	Shumman, S. B.....	Milwaukee, Wis.
Kukar, Leo.....	Gilbert, Minn.	Siewert, M. A.....	Clintonville, Wis.
Kulstad, H. M.....	Rib Lake, Wis.	Smart, G. E.....	New London, Wis.
Kupper, A. A.....	Tomah, Wis.	Smith, C. C.....	Rib Lake, Wis.
Laiken, Eli.....	Racine, Wis.	Sorenson, M. M.....	Racine, Wis.
Lange, R. E.....	Westfield, Wis.	Stevens, F. J.....	Ashland, Wis.
Lanzer, F. E.....	Bloomer, Wis.	Sturgul, J. P.....	Hurley, Wis.
Latterell, A. L.....	Foley, Minn.	Taggart, G. M.....	Rhineland, Wis.
Laughlin, M. D.....	Marion, Wis.	Temme, W. F.....	Berlin, Wis.
Le Clair, P. E.....	Green Bay, Wis.	Tinkham, G. E.....	Baraboo, Wis.
Lione, G.....	Lodi, Wis.	Van Ellis, R. J.....	Port Washington, Wis.
Lomas, L. C.....	Fennimore, Wis.	Voss, H. G.....	Racine, Wis.
Lusthaus, L. J.....	Milwaukee, Wis.	Walker, H. N.....	Richland Center, Wis.
Lynch, W. P.....	Superior, Wis.	Ware, C. C.....	Boscobel, Wis.
MacLennon, R. R.....	Wausau, Wis.	Wehrley, O. M.....	Wausau, Wis.
Mashek, R. J.....	Milwaukee, Wis.	Weiherr, R. J.....	Bloomer, Wis.
Mauch, R. G.....	Rib Lake, Wis.	Weinzierl, E.....	Tower, Minn.
May, R.....	Reeseville, Wis.	Wentz, A. E.....	Plymouth, Wis.
McDonald, A. A.....	New Orleans, La.	White, E. F.....	Duluth, Minn.
Morgan, L. C.....	Madison, Wis.	Wicklund, W. G.....	Cloquet, Minn.
Mossey, F. V.....	Dodgeville, Wis.	Wilcox, C. M.....	Dodgeville, Wis.
Murphy, P. J.....	New London, Wis.	Wilhelm, C. F.....	Oconto Falls, Wis.
		Wilhelmi, J. E.....	Nekoma, N. Dak.

## Seniors.

## Class 1922.

Amthor, W. S.....	Waupun, Wis.	Grewer, P. H.....	Glenn Ullin, N. Dak.
Ahmann, A. J.....	Remsen, Ia.	Halverson, H.....	Stoughton, Wis.
Anton, W.....	Milwaukee, Wis.	Herman, C. M.....	West Bend, Wis.
Baus, E. P.....	St. Cloud, Wis.	Hobson, A.....	Milwaukee, Wis.
Blackwood, J.....	Milwaukee, Wis.	Holvey, C.....	Milwaukee, Wis.
Blumenthal, L.....	Milwaukee, Wis.	Hostetter, H. C.....	Grafton, N. Dak.
Brassington, L. M.....	Milwaukee, Wis.	House, L. L.....	Bloomer, Wis.
Braunworth, I. H.....	Prentice, Wis.	Jardine, N. J.....	Waupaca, Wis.
Bruder, E. G.....	Mayville, Wis.	John, E. W.....	Milwaukee, Wis.
Cain, S. L.....	Evansville, Wis.	Justin, J. P.....	Milwaukee, Wis.
Clark, F. J.....	Manitowoc, Wis.	Kinzie, M. J.....	Avoca, Wis.
Clemence, H. W.....	Milwaukee, Wis.	Kleinschmidt, N. W.....	Oshkosh, Wis.
Cubela, H. H.....	Milwaukee, Wis.	Kohl, W. M.....	Mayville, Wis.
Davies, G. J.....	Milwaukee, Wis.	Koppel, S.....	Milwaukee, Wis.
Dowling, J. H.....	St. Paul, Minn.	Korb, M. A.....	Boyd, Wis.
Dresser, H. B.....	Phlox, Wis.	Krueger, W. E.....	Watertown, Wis.
Drosen, E.....	Milwaukee, Wis.	Leonhardt, W.....	Milwaukee, Wis.
Ender, L. W.....	Nelson, Wis.	Lorimer, B. M.....	Milwaukee, Wis.
Falk, Hazel.....	Burlington, Wis.	Luebke, W. A.....	Clintonville, Wis.
Farrell, R. M.....	Butte, Mont.	Manning, C. J.....	Hartford, Wis.
Feldstein, B.....	Milwaukee, Wis.	Margetts, E. R.....	Milwaukee, Wis.
Franklin, J. B.....	Milwaukee, Wis.	McKinnon, L. W.....	Wadena, Minn.
Franklin, N.....	Milwaukee, Wis.	McInerny, R.....	Austin, Minn.
Frisch, J. G.....	Madison, Wis.	McNeil, R. L.....	Minneapolis, Minn.

## Seniors—Continued.

Miller, R. ....	Markesan, Wis.	Rich, A. ....	Milwaukee, Wis.
Molseed, A. J. ....	Centerville, S. Dak.	Rosenberg, S. A. ....	Milwaukee, Wis.
Mogilka, B. A. ....	Milwaukee, Wis.	Scharfenberg, C. C. ....	Milwaukee, Wis.
Monroe, M. C. ....	Hartford, Wis.	Schaller, E. ....	Barnevald, Wis.
Nelson, W. E. ....	Milwaukee, Wis.	Serge, J. ....	Milwaukee, Wis.
Nestingen, A. ....	Westby, Wis.	Stenger, E. A. ....	Green Bay, Wis.
Nichols, V. ....	Milwaukee, Wis.	Steichen, H. R. ....	Dubuque, Ia.
Pexa, F. J. ....	Montgomery, Minn.	Urdan, H. ....	Milwaukee, Wis.
Pierce, L. A. ....	Kansasville, Wis.	Van Susteren, R. G. ....	Little Chute, Wis.
Poiron, C. ....	Milwaukee, Wis.	Warner, R. J. ....	Wausau, Wis.
Polzin, G. W. ....	New London, Wis.	Weinstein, N. W. ....	Milwaukee, Wis.
Premsky, M. ....	Milwaukee, Wis.	Wittmann, A. P. ....	West Bend, Wis.
Reichert, J. A. ....	West Bend, Wis.	Yap, J. H. ....	Dutch East Indies
Reinardy, R. S. ....	Burlington, Wis.	Ziegler, O. A. ....	Mayville, Wis.

## GRADUATES.

## Class 1921.

Barth, L. D. ....	Beaver Dam, Wis.	Johnson, W. L. ....	West Allis, Wis.
Bickel, M. ....	Reeseville, Wis.	Klee, C. G. ....	Rochester, Minn.
Berhardt, H. E. ....	Cassville, Wis.	Koch, W. H. ....	Waterloo, Ia.
Baumgartner, G. ....	Milwaukee, Wis.	Kuhm, H. W. ....	Milwaukee, Wis.
Colleran, J. L. ....	Browning, Minn.	Krause, R. J. ....	New London, Wis.
Cullen, L. L. ....	Basco, Wis.	Lipschutz, H. A. ....	Oconto, Wis.
Dean, G. D. ....	Shakopee, Minn.	Lutfring, A. E. ....	Milwaukee, Wis.
Dowling, D. J. ....	Everett, Wash.	Murphy, J. E. ....	Portage, Wis.
Dubin, A. A. ....	Milwaukee, Wis.	Mulcahy, F. W. ....	Milwaukee, Wis.
Dumke, O. A. ....	Medford, Wis.	O'Malley, M. J. ....	Medford, Wis.
Englander, J. A. ....	Milwaukee, Wis.	Pashen, M. A. ....	Milwaukee, Wis.
Franta, G. F. ....	Montgomery, Minn.	Patterson, W. K. ....	Evansville, Wis.
Frey, John. ....	Wausau, Wis.	Richardson, W. A. ....	St. Cloud, Minn.
Ganzlin, B. ....	Sauk City, Wis.	Schnetz, P. ....	Milwaukee, Wis.
Geary, V. M. ....	Ironwood, Mich.	Sharpe, J. J. ....	Milwaukee, Wis.
Gerber, H. A. ....	Milwaukee, Wis.	Schemel, R. E. ....	Renville, Minn.
Gilling, L. ....	Green Bay, Wis.	Sehora, W. J. ....	Athens, Wis.
Hand, F. H. ....	Plymouth, With.	Slaby, L. F. ....	Algoma, Wis.
Hanson, A. E. ....	Racine, Wis.	Sturm, A. C. ....	Port Washington, Wis.
Hanson, D. A. ....	Lake Crystal, Minn.	Stollenwerk, R. J. ....	Milwaukee, Wis.
Hulbert, R. M. ....	Milwaukee, Wis.	Toussaint, G. J. ....	Fort Atkinson, Wis.
Hickey, C. H. ....	Milwaukee, Wis.	Traeumer, P. H. ....	Milwaukee, Wis.
Jambor, M. W. ....	Milwaukee, Wis.	Watson, H. J. ....	Milwaukee, Wis.
Jensen, N. S. ....	Luck, Wis.	Wilson, F. C. ....	Oconto Falls, Wis.

## POST-GRADUATE STUDENTS.

## Summer, 1921.

Dr. C. D. Arthur. ....	Pittsburgh, Pa.	Dr. Hedwig Kuehnle. ....	Milwaukee, Wis.
Dr. F. J. Aufderheide. ....	Cleveland, O.	Dr. G. W. Lane. ....	Wausau, Wis.
Dr. W. W. Barney. ....	Racine, Wis.	Dr. Ed. Lyon. ....	New London, Wis.
Dr. C. E. Bottomly. ....	Burlington, Wis.	Dr. A. E. Mann. ....	Findlay, O.
Dr. F. M. Boyle. ....	Martinettes, Wis.	Dr. F. R. Mann. ....	Marion, O.
Dr. J. E. Craig. ....	Gary, Ind.	Dr. A. A. Mark. ....	Burlington, Wis.
Dr. C. A. Davis. ....	St. Joseph, Mo.	Dr. C. A. Maurer. ....	Kiel, Wis.
Dr. J. J. Gilling. ....	Milwaukee, Wis.	Dr. G. A. Mietus. ....	Milwaukee, Wis.
Dr. W. F. Farrar. ....	Louisville, Ky.	Dr. Edna Morris. ....	Cincinnati, O.
Dr. S. F. French. ....	Evansville, Ind.	Dr. G. J. Mortell. ....	Green Bay, Wis.
Dr. J. S. Frost. ....	Burlington, N. C.	Dr. E. A. Mueller. ....	West Bend, Wis.
Dr. H. F. Hahn. ....	Milwaukee, Wis.	Dr. A. C. Plautz. ....	Milwaukee, Wis.
Dr. G. E. Harrington. ....	Marshfield, Wis.	Dr. R. E. Schemel. ....	Renville, Minn.
Dr. H. F. Heidelberg. ....	Milwaukee, Wis.	Dr. J. P. Shai. ....	Newark, O.
Dr. H. M. Helzberg. ....	Kansas City, Mo.	Dr. L. F. Slaby. ....	Algoma, Wis.
Dr. O. B. Hinz. ....	Oshkosh, Wis.	Dr. R. L. Thomas. ....	Pierce, Neb.
Dr. A. S. Hopkina. ....	Gulfport, Miss.	Dr. R. W. Thompson. ....	St. Petersburg, Fla.
Dr. L. C. Jackson. ....	Toledo, O.	Dr. R. L. Ward. ....	Bradentown, Fla.
Dr. E. J. Johnson. ....	Kenosha, Wis.	Dr. W. J. Watters. ....	Akron, O.
Dr. R. T. Judge. ....	Cincinnati, O.	Dr. C. F. Welter. ....	Elkhardt, Ind.
Dr. H. D. Kirkpatrick. ....	Brodhead, Wis.	Dr. Olga Zwerg. ....	Milwaukee, Wis.
Dr. F. J. Knoll. ....	Cincinnati, O.		







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